

## LIGHT EMITTING DIODE DRIVER

### ABSTRACT OF THE DISCLOSURE

5        A LED driver is disclosed. The LED driver includes a high frequency  
inverter and an impedance circuit. The high frequency inverter operates to  
produce a high frequency voltage source whereby the impedance circuit directs a  
flow of alternating current through a LED array including one or more anti-parallel  
LED pairs, one or more anti-parallel LED strings, and/or one or more anti-parallel  
10    LED matrixes. A transistor can be employed to divert the flow of the alternating  
current from the LED array, or to vary the flow of the alternating current through  
LED array.